

FIGURE 1

Best Available Copy

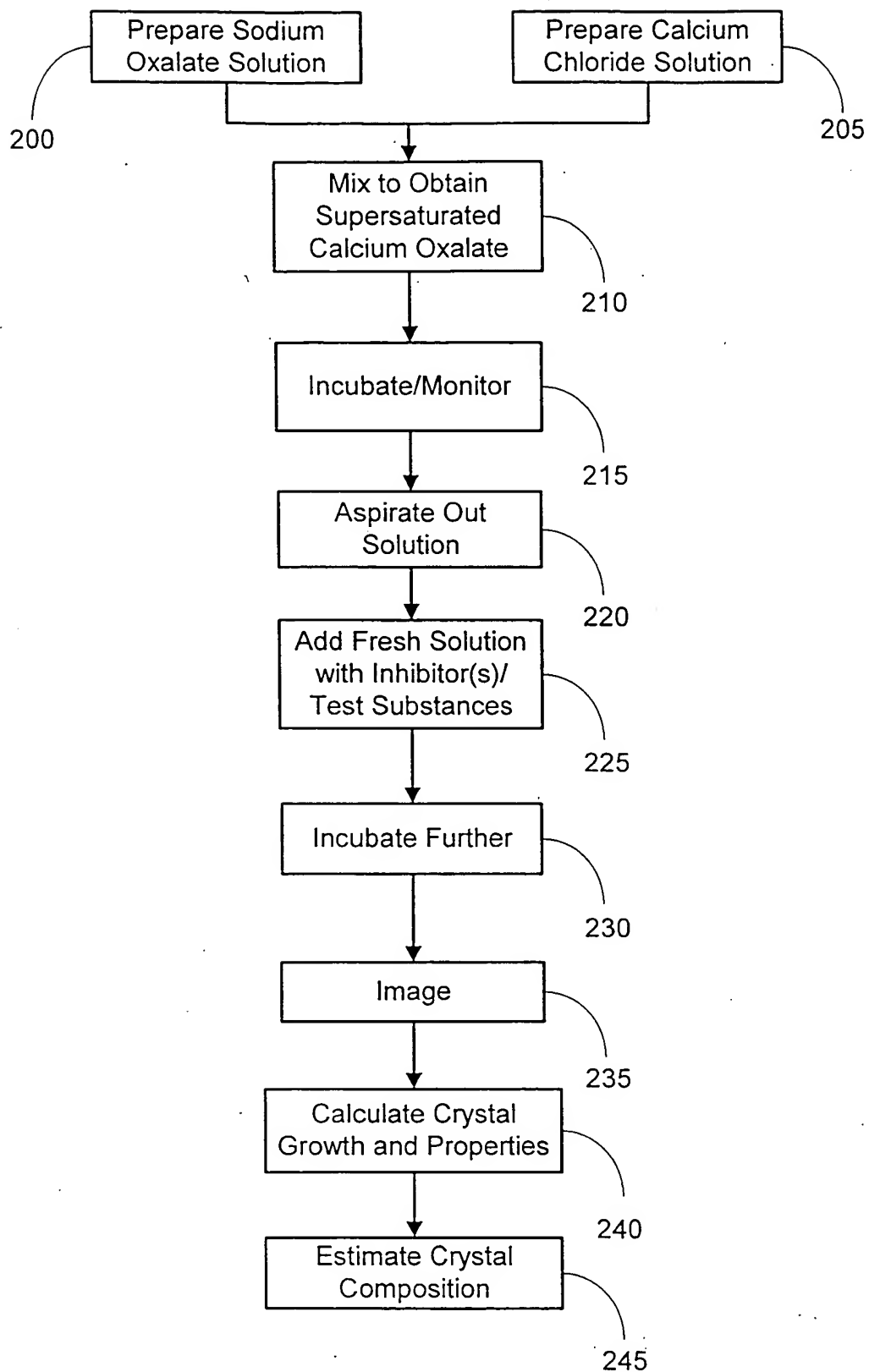


FIGURE 2

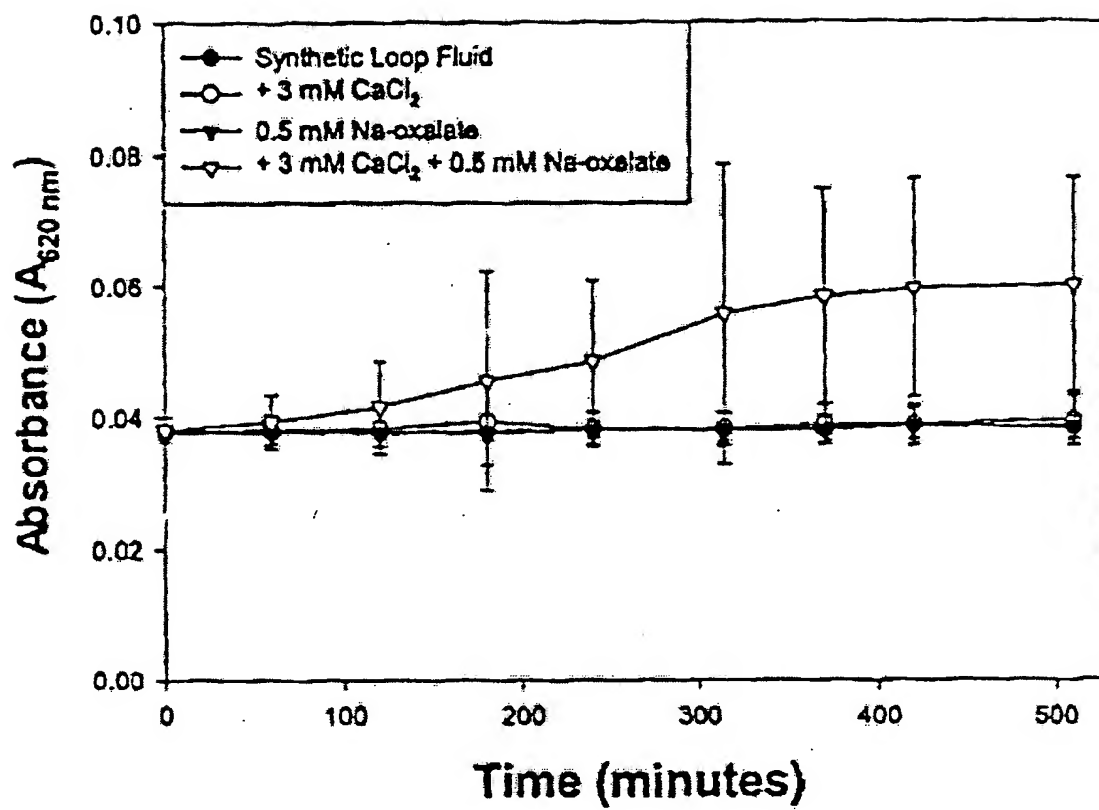


FIGURE 3

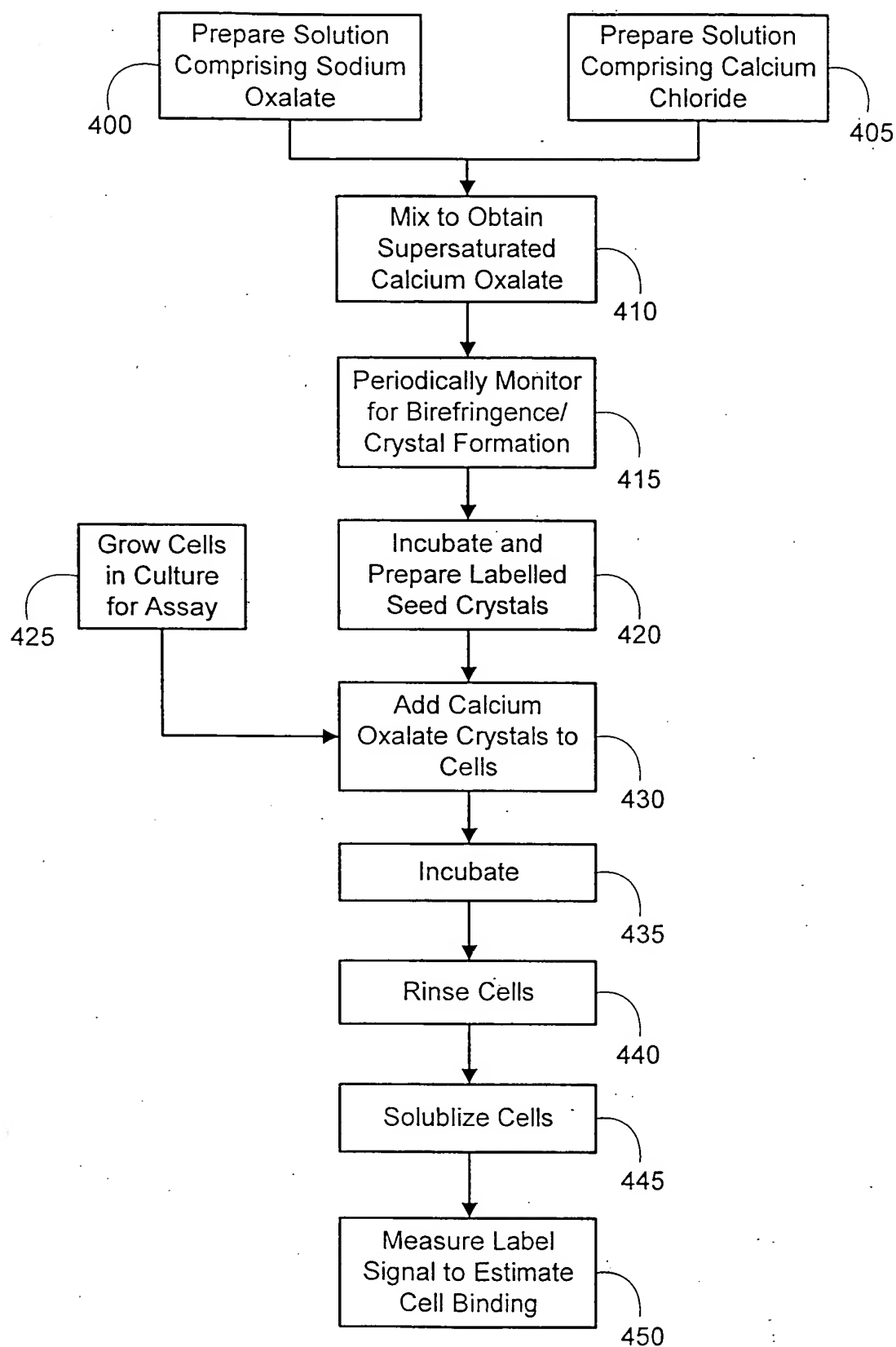


FIGURE 4

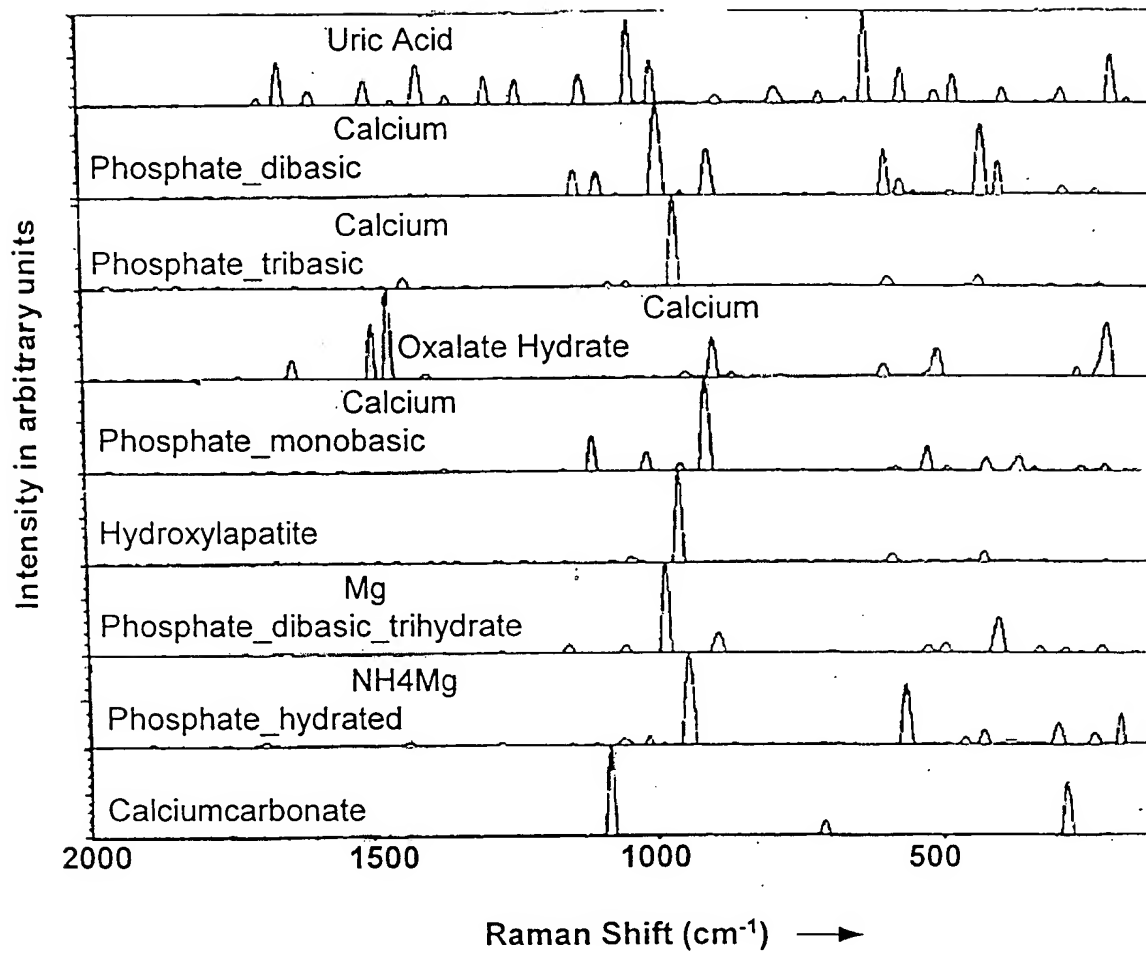


FIGURE 5A

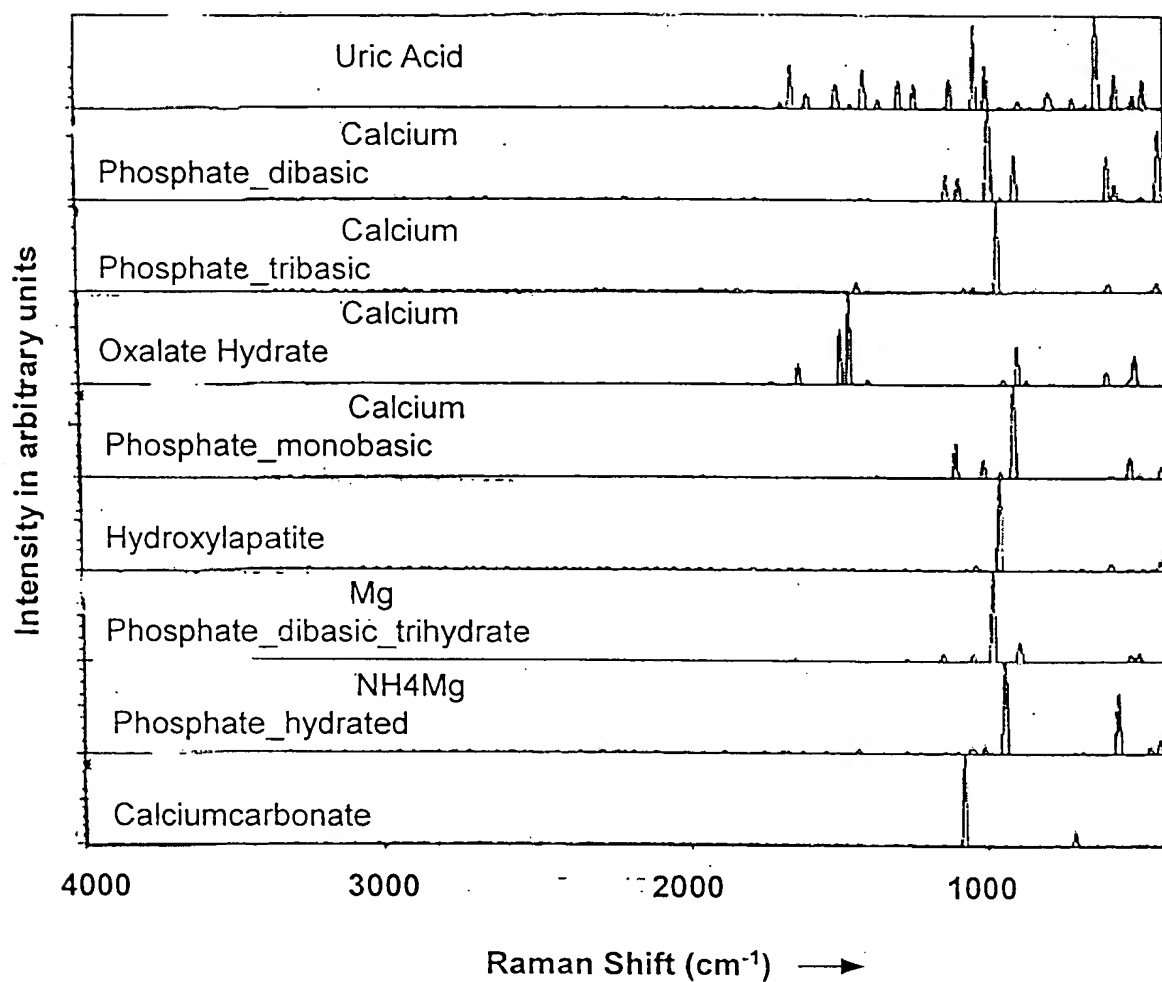


FIGURE 5B

Control

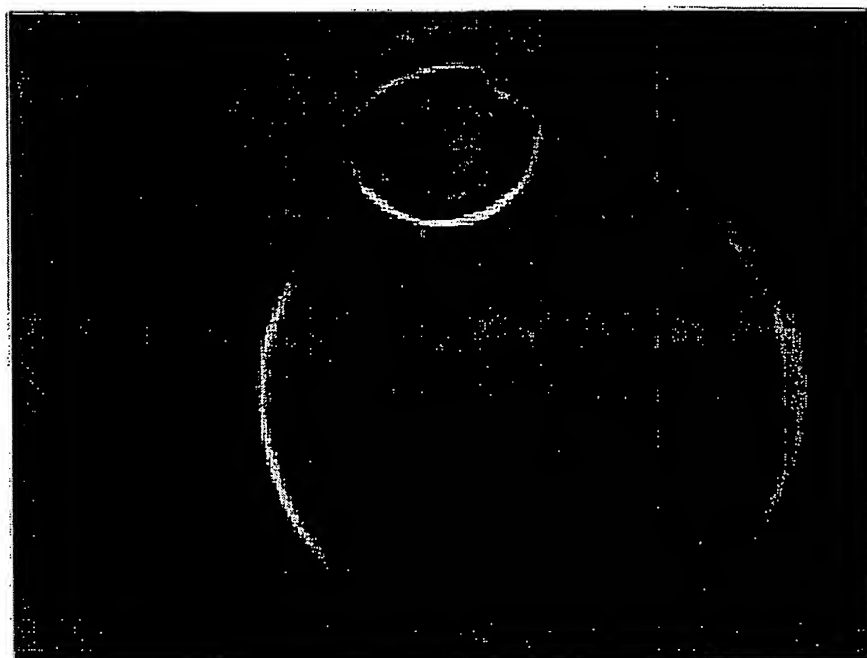


3mM CaCl_2
+ 0.5 mM Na-Oxalate



FIGURE 6A

$t=0$ hours



$t=18$ hours



FIGURE 6B

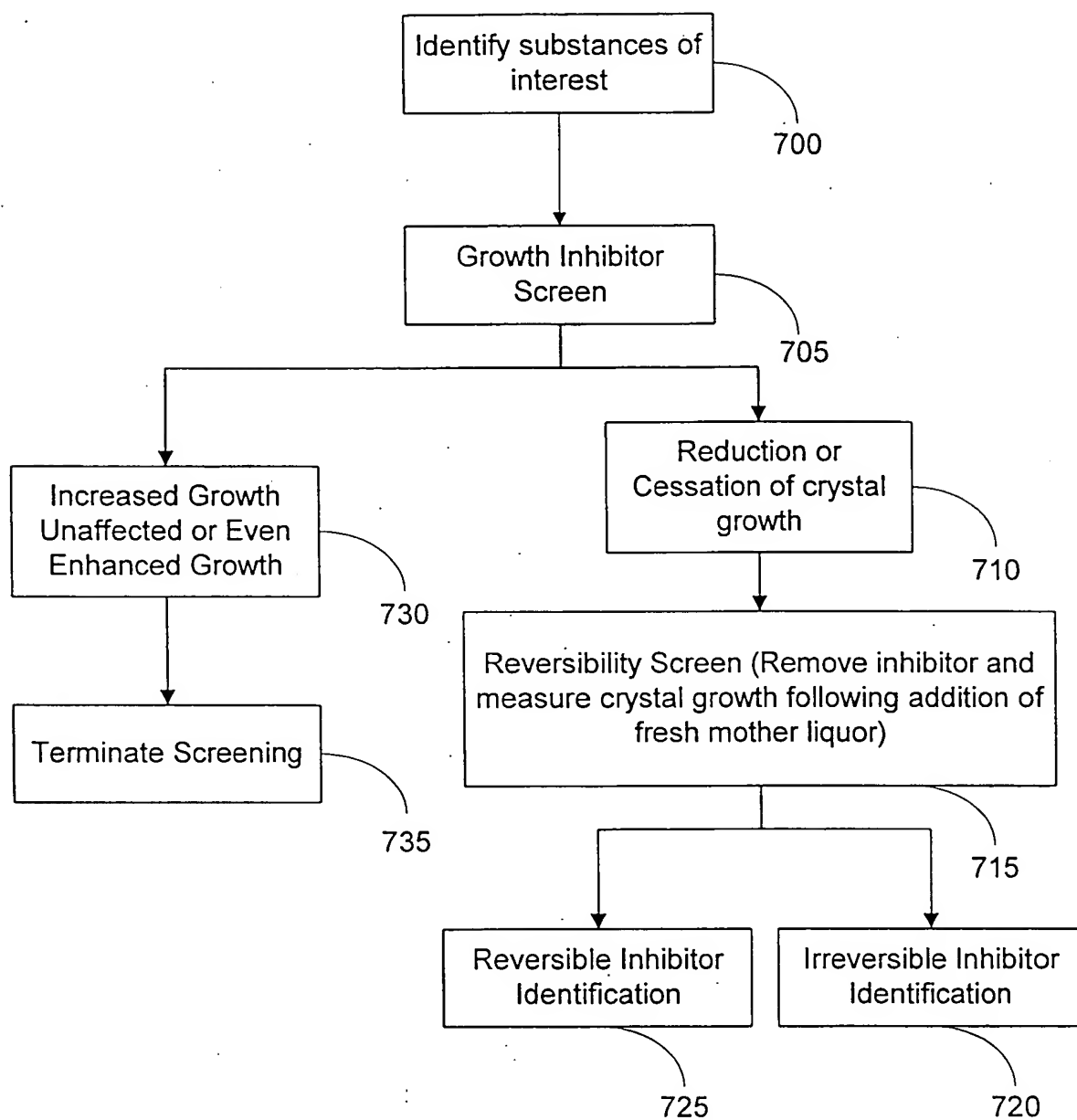


FIGURE 7

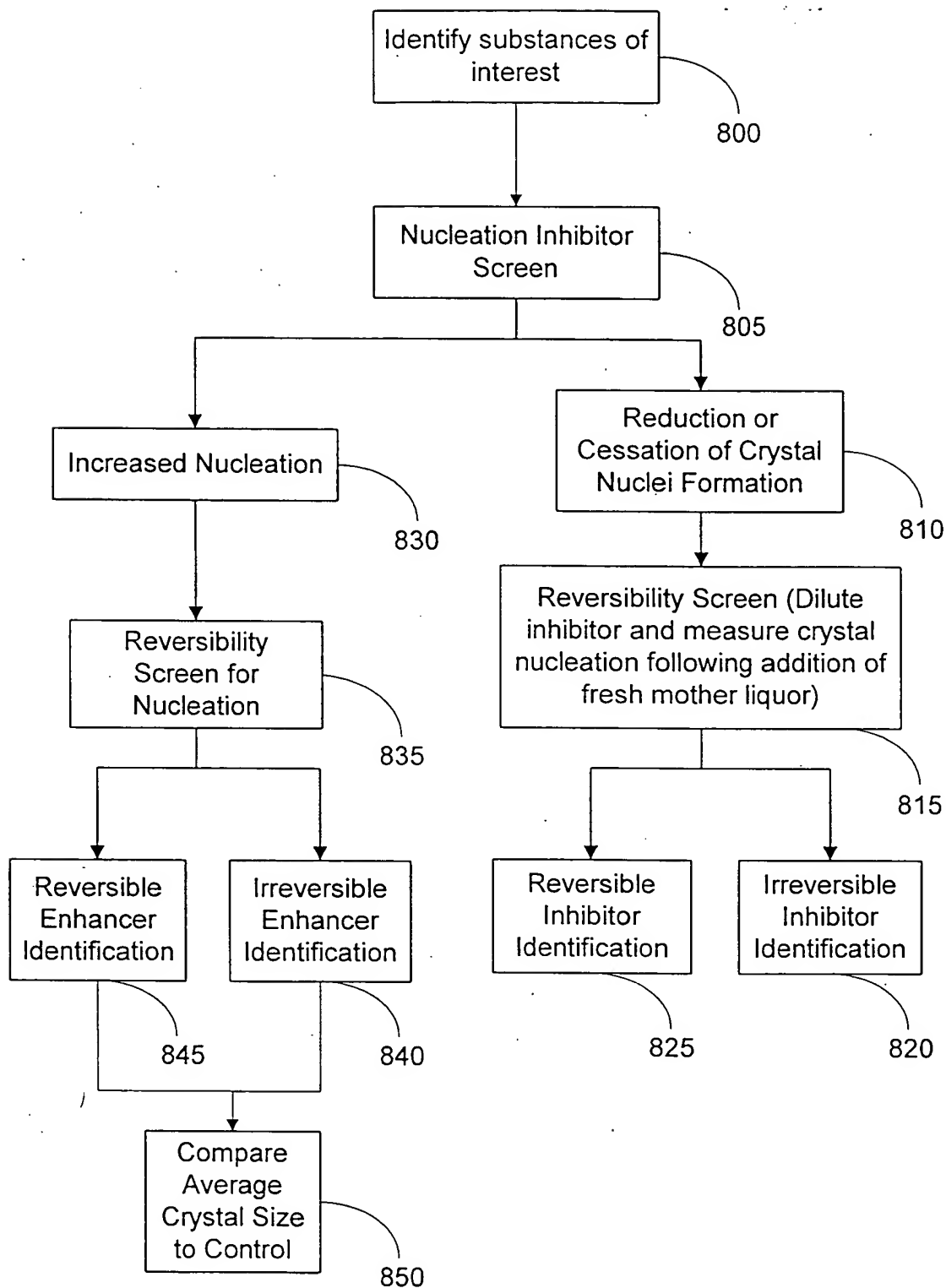


FIGURE 8

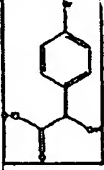
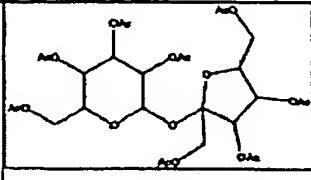
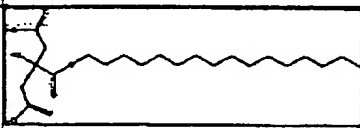
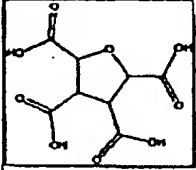
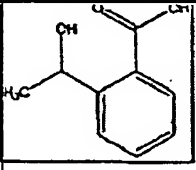
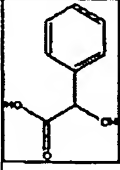
| compound | MW | amt (mg) | conc. | structure |
|--|--------|-------------|-------|--|
| 4-bromomandelic acid | 231.05 | 3.9 | 1.688 |  |
| sucrose octaacetate | 678.6 | 2.37 | 0.349 |  |
| agaric acid | 416.68 | 2.23 | 0.535 |  |
| tetrahydrofuran-2,3,4,5-tetracarboxylic acid | 248.14 | 1.89 | 0.762 |  |
| atrolactic acid hemihydrate | 175.19 | 2.17 | 1.239 |  |
| methylene blue | 319.85 | 2.31 | 0.722 | |
| lactobionic acid | 358.3 | 2.3 | 0.842 | |
| benzilic acid | 228.25 | 1.55 | 0.679 | |
| mandelic acid | 152.15 | 2.42 | 1.591 |  |

FIGURE 9A

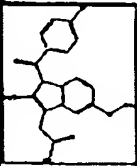
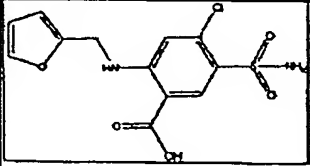
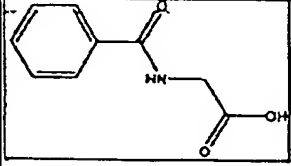
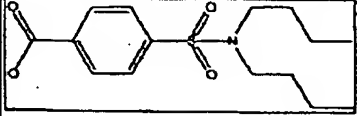
| compound | MW | amt (mg) | conc. | structure |
|---------------------------------------|--------|-------------|-------|--|
| lactobionic acid hemi calcium salt | 377.3 | 2.3 | 0.610 | |
| Indomethacin | 357.8 | 1.27 | 0.355 |  |
| Furosemide | 330.7 | 1.93 | 0.584 |  |
| Hippuric Acid | 179.18 | 7.96 | 4.442 |  |
| Probenecid | 285.4 | 2.41 | 0.844 |  |

FIGURE 9B

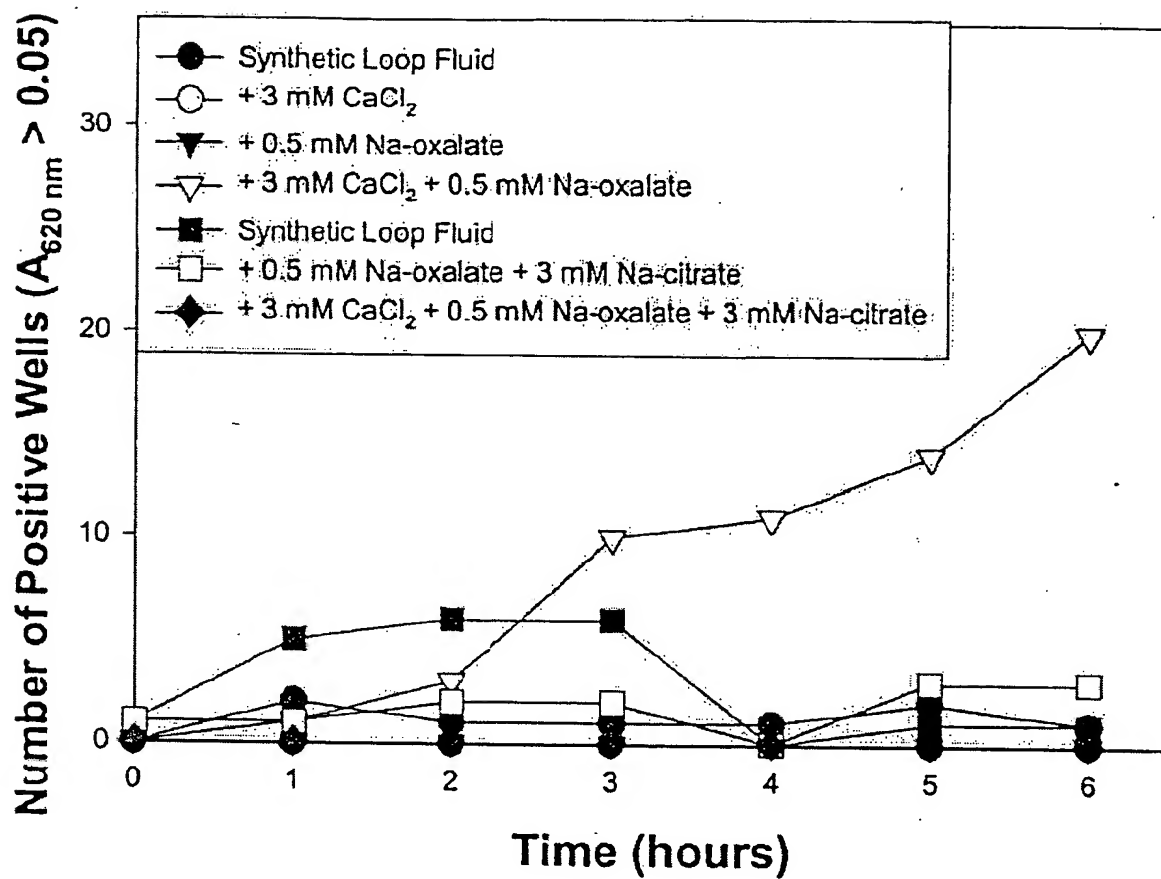


FIGURE 10

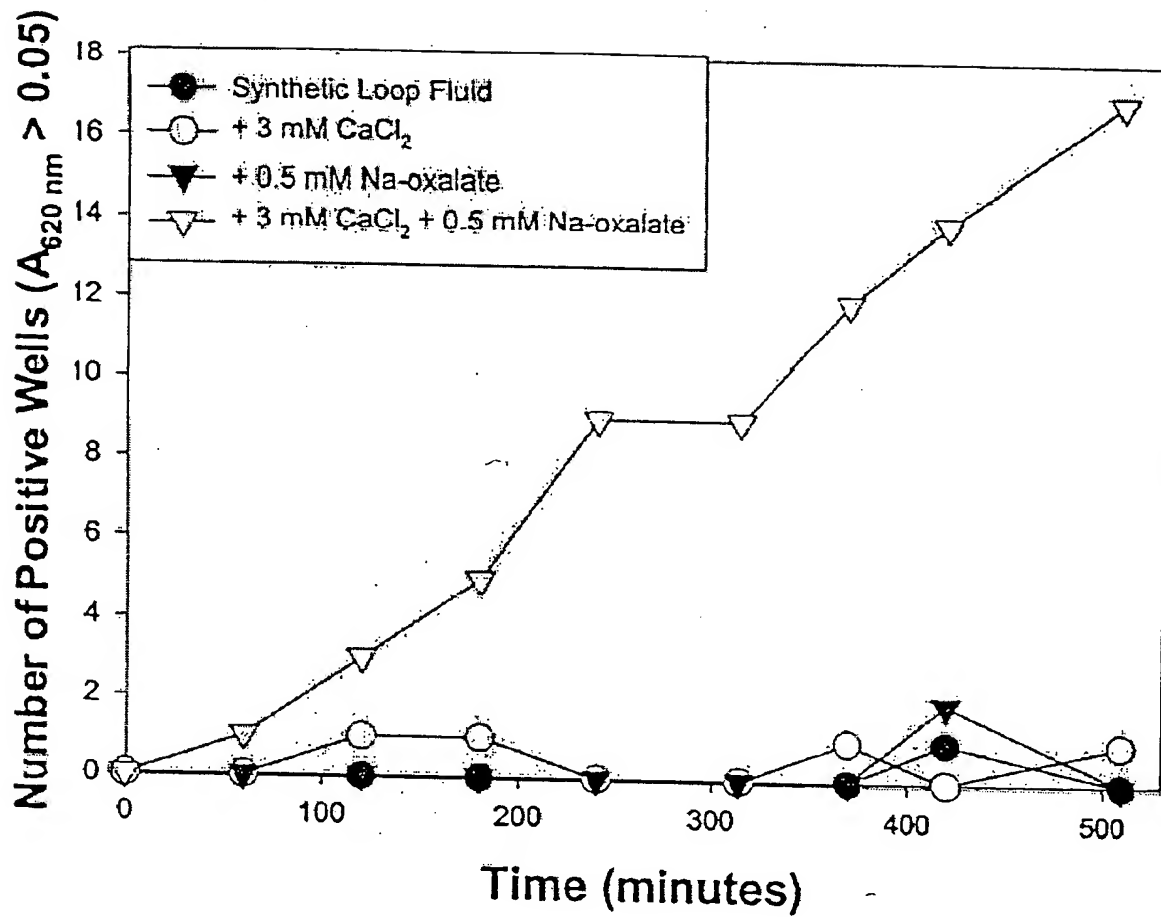


FIGURE 11

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